

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD OF DRUG LOADING IN LIPOSOMES BY GRADIENT**.

The specification of which was filed on November 26, 2003 as application serial no. 10/723,610.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number

Filing Date

60/429,122

November 26, 2002

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Filing Date: November 26, 2003

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Anglin, J. Michael	Reg. No. 24,916	Greaves, John N.	Reg. No. 40,362	Nielsen, Walter W.	Reg. No. 25,539
Arora, Suneel	Reg. No. 42,267	Harris, Robert J.	Reg. No. 37,346	Padys, Danny J.	Reg. No. 35,635
Beekman, Marvin L.	Reg. No. 38,377	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Parker, J. K.	Reg. No. 33,024
Bianchi, Timothy E.	Reg. No. 39,610	Jurkovich, Patti J.	Reg. No. 44,813	Peacock, Gregg A.	Reg. No. 45,001
Billion, Richard E.	Reg. No. 32,836	Kalis, Janal M.	Reg. No. 37,650	Perdok, Monique M.	Reg. No. 42,989
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Peret, Andrew R.	Reg. No. 41,246
Brennan, Thomas F.	Reg. No. 35,075	Kluth, Daniel J.	Reg. No. 32,146	Peterson, David C.	Reg. No. 47,857
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Clise, Timothy B.	Reg. No. 40,957	Maki, Peter C.	Reg. No. 42,832	Schumm, Sherry W.	Reg. No. 39,422
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Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inve	entor number 1: Ning Hu		
Citizenship:	-China-United States or	FAmerica Residence: San Gabriel, CA	
Post Office Address:			
	/ San Gabriel, CA 91775	Mg/m 4-7-04	
•	Marian	1 7 0//	
Signature:	NINOVI/IN	Date: 4-7-04	
•	Ning Jiu		
•	.7		
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 \underline{X} Additional inventors are being named on separately numbered sheets, attached hereto.

Serial No. 10/723610 Filing Date: November 26, 2003

Full Name of joint inventor number 2: Gerard M. Jensen Citizenship: **United States of America**

Post Office Address:

1020 Lockhaven St.

Residence: Brea, CA

	Brea, CA 92821	•	
Signature:		Date:	
	Gerard M. Jensen		
•			
Full Name of joint inventor Citizenship: Post Office Address:	United States of America 2943 S. Sycamore Ln. Arcadia, CA 91780	Residence: Arcadia, CA	
Signature:		Date:	
	Michele Sulivan		
- 44-			_
Full Name of joint inventor Citizenship: Post Office Address:	number 4: <u>Stephanie Yang</u> United States of America 4947 N. Willmonte Ave.	Residence: Temple City, CA	

Temple City, CA 91780

Stephanie Yang Signature:

Date:

Filing Date: November 26, 2003

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



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Attorney Docket No.: 1992.006US1

Serial No. 10/723610

Filing Date: November 26, 2003

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Anglin, J. Michael	Reg. No. 24,916	Greaves, John N.	Reg. No. 40,362	Nielsen, Walter W.	Reg. No. 25,539
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Telephone No. (612)373-6900

Full Name of joint inventor	number 1: Ning Hu		
Citizenship:	China	Residence: San Gabriel, CA	
Post Office Address:	8539 E. Fairview Ave. San Gabriel, CA 91775		
Signature:		Date:	
	Ning Hu	·	
•			
•			

 \underline{X} Additional inventors are being named on separately numbered sheets, attached hereto.

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Full Name of joint inventor Citizenship: Post Office Address:	number 2: Gerard M. Jensen United States of America 1020 Lockhaven St. Brea, CA 92821	Residence: Brea, CA	
Signature:	Gerard M. Jensen	Date: 4/7/04	
Full Name of joint inventor Citizenship: Post Office Address:	number 3: Michele Sulivan United States of America 2943 S. Sycamore Ln. Arcadia, CA 91780	Residence: Arcadia, CA	
Signature:	Michele Sulivan	Date:	
	vichele Sunvan		
Full Name of joint inventor Citizenship: Post Office Address:	number 4: Stephanie Yang United States of America 4947 N. Willmonte Ave. Temple City, CA 91780	Residence: Temple City, CA	
Signature:		Date:	
\$	Stephanie Yang	•	

Filing Date: November 26, 2003

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United States Patent Application

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Attorney Docket No.: 1992.006US1 Serial No. 10/723610 Filing Date: November 26, 2003

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	_				
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Full Name of joint inventor	number 1: Ning Hu		
Citizenship:	China	Residence: San Gabriel, CA	
Post Office Address:	8539 E. Fairview Ave.		
	San Gabriel, CA 91775		
Signature:		Date:	
1	Ning Hu		
•			
-			

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Full Name of joint inventor numl Citizenship: Post Office Address:	ber 2: Gerard M. Jensen United States of America 1020 Lockhaven St. Brea, CA 92821	Residence: Brea, CA	
Signature:		Date:	
Gerar	d M. Jensen		
			-
Full Name of joint inventor num	•		
Citizenship: Post Office Address:	2943 S. Sycamore Ln. Arcadia, CA 91780-91006	Residence: Arcadia, CA	
Signature: Mushuh	Sulivan	Date: 4/8/2004	
(Miche	ee Sunvan		
-			-
Full Name of joint inventor numl Citizenship:	oer 4: Stephanie Yang United States of America	Residence: Temple City, CA	
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Attorney Docket No.: 1992.006US1 Serial No. 10/723610 Filing Date: November 26, 2003

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I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **METHOD OF DRUG LOADING IN LIPOSOMES BY GRADIENT**.

The specification of which was filed on November 26, 2003 as application serial no. 10/723,610.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number

Filing Date

60/429,122

November 26, 2002

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Filing Date: November 26, 2003

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Amelia I Michael	Reg. No. 24,916	Greaves, John N.	Reg. No. 40,362	Nielsen, Walter W.	Reg. No. 25,539
Anglin, J. Michael		•		•	
Arora, Suneel	Reg. No. 42,267	Harris, Robert J.	Reg. No. 37,346	Padys, Danny J.	Reg. No. 35,635
Beekman, Marvin L.	Reg. No. 38,377	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Parker, J. K.	Reg. No. 33,024
Bianchi, Timothy E.	Reg. No. 39,610	Jurkovich, Patti J.	Reg. No. 44,813	Peacock, Gregg A.	Reg. No. 45,001
Billion, Richard E.	Reg. No. 32,836	Kalis, Janal M.	Reg. No. 37,650	Perdok, Monique M.	Reg. No. 42,989
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Peret, Andrew R.	Reg. No. 41,246
Brennan, Thomas F.	Reg. No. 35,075	Kluth, Daniel J.	Reg. No. 32,146	Peterson, David C.	Reg. No. 47,857
Chadwick, Robin A.	Reg. No. 36,477	Lacy, Rodney L.	Reg. No. 41,136	Price, Lucinda G.	Reg. No. 42,270
Clark, Barbara J.	Reg. No. 38,107	Lundberg, Steven W.	Reg. No. 30,568	Prout, William F.	Reg. No. 33,995
Clise, Timothy B.	Reg. No. 40,957	Maki, Peter C.	Reg. No. 42,832	Schumm, Sherry W.	Reg. No. 39,422
Cochran, David R.	Reg. No. 46,632	Malen, Peter L.	Reg. No. 44,894	Schwegman, Micheal L.	Reg. No. 25,816
Dahl, John M.	Reg. No. 44,639	Mates, Robert E.	Reg. No. 35,271	Speier, Gary J.	Reg. No. 45,458
DeLizio, Andrew	Reg. No. 52,806	McCrackin, Ann M.	Reg. No. 42,858	Steffey, Charles E.	Reg. No. 25,179
Drake, Eduardo E.	Reg. No. 40,594	Mehrle, Joseph P.	Reg. No. 45,535	Tong, Viet V.	Reg. No. 45,416
Embretson, Janet E.	Reg. No. 39,665	Muller, Mark V.	Reg. No. 37,509	Woessner, Warren D.	Reg. No. 30,440
Forrest, Bradley A.	Reg. No. 30,837	Nelson, A. James	Reg. No. 28,650		
Gorrie, Gregory J.	Reg. No. 36,530	Newtson, Ruth H.	Reg. No. 26,657		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402 Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor	number 1: Ning Hu		
Citizenship:	China	Residence: San Gabriel, CA	
Post Office Address:	8539 E. Fairview Ave.		
	San Gabriel, CA 91775		
Signature:	'	Date:	
	Ning Hu		
-			
-			

 \underline{X} Additional inventors are being named on separately numbered sheets, attached hereto.

Full Name of joint inventor Citizenship: Post Office Address:	number 2: Gerard M. Jensen United States of America 1020 Lockhaven St. Brea, CA 92821	Residence: Brea, CA
Signature:		Date:
	Gerard M. Jensen	
		<u> </u>
Full Name of joint inventor Citizenship: Post Office Address:	number 3: Michele Sulivan United States of America 2943 S. Sycamore Ln. Arcadia, CA 91780	Residence: Arcadia, CA
Signature:		Date:
ľ	Michele Sulivan	
Citizenship: Post Office Address: Signature:	number 4: Stephanie Yang United States of America 4947 N. Willmonte Ave. Temple City, CA 91780	Residence: Temple City, CA Date: 4/12/04
\$	Stephanie Yang	•

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Attorney Docket No.: 1992.006US1

Serial No. 10/723610

Filing Date: November 26, 2003

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.